

Appl. No. 10/606,319
Amdt. Dated October 5, 2005
Reply to Office Action of July 5, 2005

In the Claims:

Claim 1 (currently amended) A method of producing an antiblock agent consisting essentially of effectively surface treating inorganic minerals wherein the inorganic mineral is selected from the group consisting of talc, calcium carbonate, precipitated calcium carbonate, clay, and silica, with from 0.1 percent to 10 percent by weight antiblock agent of a silane to produce an antiblock agent that ~~absorbs~~ adsorbs substantially reduced process aids in a polyolefin film.

Claim 2 (canceled)

Claim 3 (currently amended) The method of Claim [[2]] 1 wherein the inorganic mineral is talc.

Claim 4 (canceled)

Claim 5 (canceled)

Claim 6 (currently amended) The method of Claim 1 wherein the silane is selected from the group consisting of octyltriethoxysilane, triamino functional silane, and Bis-(gamma-trimethoxysilylpropyl) amine.

Claim 7 (previously presented) The method of Claim 6 wherein the silane is Bis-(gamma-trimethoxysilylpropyl) amine.

Claim 8 (canceled)

Claim 9 (previously presented) The method of Claim 6 wherein the silane has a structural formula of SiR_4 , where R is a functionalized alkyl group or functionalized alkoxy group.

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Claims 10-11 (canceled)

Claim 12 (previously presented) The method of Claim 3 wherein the talc is treated with from about 0.1 percent to about 10 percent, based on weight of inorganic mineral, of the silane.

Claim 13 (previously presented) The method of Claim 12 wherein the talc is preferably treated with from about 0.1 percent to about 2.0 percent, based on weight of inorganic mineral of the silane.

Claim 14 (currently amended) A ~~functionalized siloxane antiblock~~ and a silane antiblock produced according to the method of Claim 1.

Claim 15 (previously presented) A method of producing plastic products comprising using antiblock products of Claim 1 as a filler and polyolefin film additive.

Claims 16-29 (canceled)

Claim 30 (previously presented) A composition comprising an inorganic mineral core component selected from the group consisting of talc, calcium carbonate, precipitated calcium carbonate, clay, and silica and a surface treating component selected from the group consisting of a silane to produce an antiblock agent that adsorbs substantially reduced process aids.

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